

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/011409

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D241/20 C07D409/14 C07D401/12 C07D409/12 C07D401/14  
A61K31/497 A61P7/02 C07D403/12 C07D401/14 C07D413/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/69834 A (NEUMANN WILLIAM L ;CASE BRENDA (US); FENTON RICK (US); HUANG WEI () 23 November 2000 (2000-11-23) claims; example 71	1-21,23, 25,26, 28,30
Y	WO 01/70229 A (NGO PHUNG L ;BARROW JAMES C (US); DORSEY BRUCE D (US); MERCK & CO) 27 September 2001 (2001-09-27) claims	1-21,23, 25,26, 28,30
Y	WO 97/40024 A (VARSOLONA RICHARD J ;DORSEY BRUCE D (US); LYLE TERRY A (US); MERCK) 30 October 1997 (1997-10-30) cited in the application the whole document	1-21,23, 25,26, 28,30

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

### • Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

6 January 2005

Date of mailing of the International search report

18/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Bosma, P

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2004/011409

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0069834	A 23-11-2000	AU 775229 B2 AU 4972300 A BR 0011295 A CA 2372617 A1 CN 1351595 T CZ 20014115 A3 EP 1202975 A1 HU 0202191 A2 JP 2002544264 T MX PA01011807 A NO 20015605 A PL 352368 A1 SK 15872001 A3 WO 0069834 A1 US 2004006230 A1 US 6664255 B1 US 2004102448 A1 ZA 200109341 A		22-07-2004 05-12-2000 28-05-2002 23-11-2000 29-05-2002 15-05-2002 08-05-2002 28-12-2002 24-12-2002 04-09-2003 18-01-2002 25-08-2003 08-10-2002 23-11-2000 08-01-2004 16-12-2003 27-05-2004 15-03-2004
WO 0170229	A 27-09-2001	AU 4585601 A CA 2403558 A1 EP 1267876 A1 JP 2003527426 T WO 0170229 A1 US 2002006923 A1		03-10-2001 27-09-2001 02-01-2003 16-09-2003 27-09-2001 17-01-2002
WO 9740024	A 30-10-1997	AT 209191 T AU 714985 B2 AU 2679997 A BG 102948 A BR 9708859 A CA 2252964 A1 CZ 9803408 A3 DE 69709727 D1 DE 69709727 T2 EE 9800353 A EP 0900207 A1 HR 970211 A1 ID 17202 A JP 3140790 B2 JP 2000508334 T KR 2000010650 A NO 984928 A NZ 331993 A PL 329441 A1 SK 145398 A3 TR 9802133 T2 WO 9740024 A1 US 5866357 A ZA 9703437 A		15-12-2001 13-01-2000 12-11-1997 30-11-1999 03-08-1999 30-10-1997 17-02-1999 21-02-2002 08-08-2002 15-04-1999 10-03-1999 30-06-1998 11-12-1997 05-03-2001 04-07-2000 25-02-2000 22-12-1998 28-04-2000 29-03-1999 07-05-1999 21-09-2000 30-10-1997 02-02-1999 23-10-1997